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Approved For Release 2004/10/20 : CIA-RDP80R01731R000800110005-1

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The Honorable W. Sterling Cole
Chairman, Joint Committee on
Atomic Energy
Congress of the United States
Washington 25, D. C.

Dear Mr. Cole:

As requested in your letter of 12 November 1953, we have undertaken, in collaboration with appropriate [redacted] AEC personnel, a study of what the Soviets may have deduced from analyses of information obtained from U. S. thermonuclear test explosions. A copy of the resulting report is attached.

It will be noted that, in order to point up the usefulness of various types of information to the Soviets, the study was limited essentially to a review of the information obtainable

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[redacted] The effects on Soviet interpretation of compromise of the U. S. program, for example by the [redacted] disclosures or others are not considered. We trust that you will find this study helpful in connection with the work of your Committee.

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ALLEN W. DULLES
Director

CONCUR: [redacted]

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HOBERT AMORY, JR.
Deputy Director/Intelligence

Encl.

[redacted]
Cv #3

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